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Title: **CN1165828A: Catalyst able to control polymerizing reaction and its application**Derwent Title: Catalyst able to control polymerizing reaction and its application
(Derwent Record)

Country: CN China

Kind: A UNEXAMINED APPLICATION FOR A PATENT FOR INV. I

Inventor: SHENGKANG YING; China
CHUNPU HU; China
GUANGLOU CHENG; ChinaAssignee: HUADONG SCIENCE AND ENGINEERING UNIV. China
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Published / Filed: 1997-11-26 / 1997-03-13

Application Number: CN1997000106318

IPC Code: Advanced: C08F 4/10; C08F 12/08;
Core: C08F 4/00; C08F 12/00;
IPC-7: C08F 4/10;
C08F 12/08;

ECLA Code: None

Priority Number: 1997-03-13 CN1997000106318

Abstract: A catalyst for controllably synthesizing the polymer with predetermined chain structure, terminal functional group, molecular weight and molecular weight distribution is prepared from cuprous halide, orthophenanthroline and its derivatives, and is used for controllable polymerizations of styrene, acrylates, isobutylene and alkylvinylether triggered by halogen-contained compound. Its advantages are easy storage, low cost, simple and feasible polymerizing conditions and adapting different types of triggers.

INPADOC
Legal Status:

Gazette date	Code	Description (remarks) for CN	List all possible codes
2003-04-02	C02	Deemed withdrawal of patent application after publication (patent law 2001)	
2000-05-31	C10	Request of examination as to substance	
1997-11-26	C06 +	Publication	










Family:


PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	CN1165828A	1997-11-26	1997-03-13	Catalyst able to control polymerizing reaction and its application
1 family members shown above				

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References:

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PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US7678869	2010-03-16	Matyjaszewski; Krzysztof	Carnegie Mellon University	Atom or group transfer radical polymerization
	US7572874	2009-08-11	Matyjaszewski; Krzysztof	Carnegie Mellon University	Processes based on atom (or group) transfer radical polymerization and novel (co)polymers having useful structures and properties
	US6541580	2003-04-01	Matyjaszewski; Krzysztof	Carnegie Mellon University	Atom or group transfer radical polymerization
	US6538091	2003-03-25	Matyjaszewski; Krzysztof	Carnegie Mellon University	Atom or group transfer radical polymerization
	US6512060	2003-01-28	Matyjaszewski; Krzysztof	Carnegie Mellon University	Atom or group transfer radical polymerization
	US6407187	2002-06-18	Matyjaszewski; Krzysztof	Carnegie Mellon University	(Co)polymers and a novel polymerization process based on atom (or group) transfer radical polymerization
	US6288186	2001-09-11	Matyjaszewski; Krzysztof	Carnegie Mellon University	Rate enhancement of nitroxyl radical-mediated polymerization
	US6162882	2000-12-19	Matyjaszewski; Krzysztof	Carnegie Mellon University	Preparation of novel homo- and copolymers using atom transfer radical polymerization
	US6121371	2000-09-19	Matyjaszewski; Krzysztof	Carnegie Mellon University	Application of atom transfer radical polymerization to

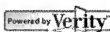
					water-borne polymerization systems
	 US6111022	2000-08-29	Matyjaszewski; Krzysztof	Carnegie-Mellon University	Preparation of novel homo- and copolymers using atom transfer radical polymerization

Other Abstract Info:

None



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